

Document number and name	40 CFR part 90 reference
Standard Test Method for Knock Characteristics of Motor Fuels by the Research Method.	Appendix A to subpart D, Table 3.
ASTM D2700-92: Standard Test Method for Knock Characteristics of Motor and Aviation Fuels by the Motor Method.	Appendix A to subpart D, Table 3.
ASTM D3231-89: Standard Test Method for Phosphorus in Gasoline .....	Appendix A to subpart D, Table 3.
ASTM D3606-92: Standard Test Method for Determination of Benzene and Toluene in Finished Motor and Aviation Gasoline by Gas Chromatography.	Appendix A to subpart D, Table 3.
ASTM D5191-93a: Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method).	Appendix A to subpart D, Table 3.
ASTM E29-93a: Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications.	90.116; 90.509.

(2) *SAE material.* The following table sets forth material from the Society of Automotive Engineers which has been incorporated by reference. The first column lists the number and name of the material. The second column lists the section(s) of this part, other than § 90.7, in which the matter is ref-

erenced. The second column is presented for information only and may not be all inclusive. Copies of these materials may be obtained from Society of Automotive Engineers International, 400 Commonwealth Dr., Warrendale, PA 15096-0001.

Document number and name	40 CFR part 90 reference
SAE J1930 September 1991, Electrical/Electronic Systems Diagnostic Terms, Definitions, Abbreviations and Acronyms .....	90.114
SAE Paper 770141, Optimization of a Flame Ionization Detector for Determination of Hydrocarbon in Diluted Automotive Exhausts, Glenn D. Reschke, 1977 .....	90.316

## Subpart B—Emission Standards and Certification Provisions

### § 90.101 Applicability.

The requirements of subpart B are applicable to all nonroad engines and vehicles subject to the provisions of subpart A of part 90.

### § 90.102 Definitions.

The definitions in subpart A of part 90 apply to this subpart. All terms not defined herein or in subpart A have the meaning given them in the Act. The following definitions also apply to this subpart.

*Attitudinal control* means the operator regulates either the horizontal or vertical position of the equipment, or both.

*Carry* means the operator completely bears the weight of the equipment, including the engine.

*Support* means that the operator holds the equipment in position so as

to prevent it from falling, slipping or sinking. It is not necessary for the entire weight of the equipment to be borne by the operator.

### § 90.103 Exhaust emission standards.

(a) Exhaust emissions from new nonroad spark-ignition engines at or below 19 kilowatts (kW), effective with the 1997 model year, shall not exceed the following levels:

Exhaust Emission Standards (grams per kilowatt-hour)

Engine displacement class	Hydro-carbon plus oxides of nitrogen	Hydro-carbon	Carbon monoxide	Oxides of nitrogen
I	16.1	.....	469	.....
II	13.4	.....	469	.....
III	.....	295	805	5.36
IV	.....	241	805	5.36
V	.....	161	603	5.36

(1) Each engine displacement class has a unique set of exhaust emission